



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/677,098	09/30/2003	Wesley Cheng	KONAP001	4097
31688	7590	08/22/2007	EXAMINER	
TRAN & ASSOCIATES 6768 MEADOW VISTA CT. SAN JOSE, CA 95135			BURGESS, BARBARA N	
			ART UNIT	PAPER NUMBER
			2157	
			MAIL DATE	DELIVERY MODE
			08/22/2007	PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b> 10/677,098	<b>Applicant(s)</b> CHENG ET AL.	
	<b>Examiner</b> Barbara N. Burgess	<b>Art Unit</b> 2157	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 30 September 2003.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1 and 2 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-2 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 30 September 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |                                                                                                                                         |                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                                                             | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                                    | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date <u>3-3-04, 12-29-05</u> | 6) <input type="checkbox"/> Other: _____                                                |

**DETAILED ACTION**

***Election/Restrictions***

1. Restriction to one of the following inventions is required under 35 U.S.C. 121:
  - I. Claims 1-2 are drawn to creating a first message intended to be sent over the network, applying a first policy containing one or more rules as to determine whether to send the first message, and updating the first policy resulting in addition, deletion, or modification of the rules in the policy, classified in class 709, subclass 207.
  - II. Claims 3-4 are drawn to creating first and second device queues reflecting the current status of the first transaction while guaranteeing receipt of a notification that a message was successfully or unsuccessfully received, classified in class 709, subclass 224.

The inventions are distinct, each from the other because of the following reasons:

2. Inventions II and I are directed to related processes. The related inventions are distinct if the (1) the inventions as claimed are either not capable of use together or can have a materially different design, mode of operation, function, or effect; (2) the inventions do not overlap in scope, i.e., are mutually exclusive; and (3) the inventions as claimed are not obvious variants. See MPEP § 806.05(j). In the instant case, the inventions as claimed have materially different functions and effects. Group I is a method for reducing cost of sending messages and provides a policy having rules to determine whether a message is to be sent over the network. Group II is a method for efficient guaranteed transactional messaging and creates first and second queues for

Art Unit: 2157

reflecting the current status of a transaction including whether messages were successfully or unsuccessfully sent or received and guaranteeing receipt of a successfully or unsuccessfully received message.

3. Because these inventions are independent or distinct for the reasons given above and there would be a serious burden on the examiner if restriction is not required because the inventions have acquired a separate status in the art in view of their different classification, restriction for examination purposes as indicated is proper.

4. Because these inventions are independent or distinct for the reasons given above and there would be a serious burden on the examiner if restriction is not required because the inventions have acquired a separate status in the art due to their recognized divergent subject matter, restriction for examination purposes as indicated is proper.

5. A courtesy telephone call was made to Applicant's representative Vao Tran on Tuesday, August 7, 2007 in which an election of Group I was made without traverse. Group I is herein presented for initial examination.

***Information Disclosure Statement***

6. The information disclosure statements (IDS) submitted on March 3, 2003 and December 29, 2005 are in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statements are being considered by the examiner.

***Claim Rejections - 35 USC § 102***

7. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

8. Claim 1 is rejected under 35 U.S.C. 102(e) as being anticipated by Bandini et al. (hereinafter "Band", US Patent Publication 2005/0081059 A1).

As per claim 1, Band discloses a method for reducing the cost of sending messages over an intermittent network of computing devices via one or more communication channels, the method comprising the steps of:

- (a) creating a first message on a first device, the message intended to be sent to a second device over the network via at least one channel (paragraphs [0025-0027], Band teaches users of user stations sending emails via email server to recipients over local and public networks);
- (b) applying a first policy containing one or more rules to determine whether

to send the first message to the second device, each rule being a function of one or more messaging attributes of messages, channels or the system environment (paragraphs [0011, 0028, 0035, 0043], Band teaches an email relay used to apply filtering policies to incoming electronic messages to prevent certain messages such as SPAM from being sent to recipients. The filters are applied to various parts of the message);

(c) dynamically updating the first policy by sending a second message to the first device, the second message being a system message that results in the addition, deletion or other modification of the rules contained in the policy (paragraphs [0016-0018, 0045, 0053], Band teaches providing updates to the policy to maintain the most current information such as the latest virus while causing modifications to current policies).

### ***Claim Rejections - 35 USC § 103***

9. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

10. Claim 2 is rejected under 35 U.S.C. 103(a) as being unpatentable over Bandini et al. (hereinafter "Band", US Patent Publication 2005/0081059 A1) in view of Morris (US Patent 7,028,075).

As per claim 2, Band discloses the method of Claim 1.

Art Unit: 2157

Band does not explicitly disclose wherein the first device is a server device and the second device is a client device.

The use and advantage of such feature is well-known to one of ordinary skill in the art at evidenced by Morris (column 3, lines 64-67, column 4, lines 25-30, column 5, lines 34-36, 42-45).

Therefore, one of ordinary skill in the art at the time the invention was made would have found it obvious to implement or incorporate Morris's first device being a server and second device being a client in Band's method enabling images to be scaled down by the server in order for the recipient to view photos in his/her normal email program (see Morris, column 5, lines 36-38).

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Barbara N. Burgess whose telephone number is (571) 272-3996. The examiner can normally be reached on M-F (8:00am-4:00pm).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ario Ettinene can be reached on (571) 272-4001. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2157

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Barbara N Burgess  
Examiner  
Art Unit 2157

A handwritten signature in black ink, appearing to read 'Barbara Burgess', with a long horizontal flourish extending to the right.

August 19, 2007